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**Name of Organization:** Wisconsin Department of Natural Resources

**Type of Organization:** State

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**Project Title:** Lake Michigan Shoreline Protection and Management Education

**Project Category:** Habitat (Ecological) Protection and Rest

**Rank by Organization (if applicable):** 2

**Total Funding Requested (\$):** 110,355 **Project Duration:** 2 Years

**Abstract:**

The goal of this project is to develop a multi-media educational initiative covering shoreland protection and management. This effort will focus on non-structural alternatives to the non-aesthetic, intrusive and costly solutions currently used. While there are a few materials available, none focus on the needs of Wisconsin and the Great Lakes. This project will help landowners (both current and prospective), contractors, consultants, local governmental leaders, land conservation department staff in coastal counties, and others understand the full range of alternative erosion control methods that are aesthetically pleasing as well as functional. The video, demonstration area, handouts, and traveling displays would be used for public outreach opportunities at landowner organization meetings/conventions, real estate meetings, dune protection demonstration area within a State Forest, public service centers, and other appropriate educational opportunities.

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**Geographic Areas Affected by the Project**

**States:**

<input type="checkbox"/> Illinois	<input type="checkbox"/> New York
<input type="checkbox"/> Indiana	<input type="checkbox"/> Pennsylvania
<input type="checkbox"/> Michigan	<input checked="" type="checkbox"/> Wisconsin
<input type="checkbox"/> Minnesota	<input type="checkbox"/> Ohio

**Lakes:**

<input type="checkbox"/> Superior	<input type="checkbox"/> Erie
<input type="checkbox"/> Huron	<input type="checkbox"/> Ontario
<input checked="" type="checkbox"/> Michigan	<input type="checkbox"/> All Lakes

**Geographic Initiatives:**

<input type="checkbox"/> Greater Chicago	<input type="checkbox"/> NE Ohio	<input type="checkbox"/> NW Indiana	<input type="checkbox"/> SE Michigan	<input type="checkbox"/> Lake St. Clair
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**Primary Affected Area of Concern:**

**Other Affected Areas of Concern:**

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***For Habitat Projects Only:***

**Primary Affected Biodiversity Investment Area:** Door County Peninsula

**Other Affected Biodiversity Investment Areas:**

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**Problem Statement:**

There are only a few materials available on non-structural alternatives to shoreline erosion and shoreline management. None focus on the needs of Wisconsin or the Great Lakes. The public needs to understand the broad range of options open to them beyond the current habitat destructive, ugly, expensive, and regulated systems currently used.

**Proposed Work Outcome:**

Requests for structural shoreline protection permits will drop by 50 percent in the 5 years following release of the materials. By using the 4 different media approaches, the program will reach +90% of local government leaders, land conservation department staff in coastal counties, consultants, and contractors. The program will also reach +10,000 school students, scouts, and other members of organized groups. The program will reach 5,000 people visiting Point Beach State Forest and other state parks hosting the traveling displays.

By demonstrating the construction of boardwalks in dune sensitive sites, the biodiversity will be enhanced through the protection of many endangered plant species that are currently suffering from foot traffic and erosional damage. This is a critical issue in Wisconsin where dune systems are relatively small and rare.

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**Project Milestones:**

**Dates:**

Project Start	07/2000
Organize oversight team	08/2000
Video Production	07/2002
Construct & Install demo. boardwalk	06/2001
Finish print media	07/2001
Finish 5 traveling exhibits	07/2001
Finish supporting school curriculum	03/2002
Project End	/

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☐ Project Addresses Environmental Justice

**If So, Description of How:**

☒ Project Addresses Education/Outreach

**If So, Description of How:**

The whole project address education/outreach issues.

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**Project Budget:**

	<b>Federal Share Requested (\$)</b>	<b>Applicant's Share (\$)</b>
<b>Personnel:</b>	28,500	18,800
<b>Fringe:</b>	855	6,768
<b>Travel:</b>	0	700
<b>Equipment:</b>	0	200
<b>Supplies:</b>	0	200
<b>Contracts:</b>	53,000	0
<b>Construction:</b>	28,000	0
<b>Other:</b>	0	0
<b>Total Direct Costs:</b>	110,355	26,668
<b>Indirect Costs:</b>	0	0
<b>Total:</b>	110,355	26,668
<b>Projected Income:</b>	0	0

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**Funding by Other Organizations (Names, Amounts, Description of Commitments):**

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**Description of Collaboration/Community Based Support:**

UW-Sea Grant (NOAA)

US Corps of Engineers

NE Wisconsin County Code Administrators

US Fish and Wildlife Service

UW-Extension Services

Natural Resources Conservation Service

various lakeshore interest groups

Friends of Point Beach State Forest